

| Ref # | Hits | Search Query  | DBs                        | Default Operator | Plurals | Time Stamp       |
|-------|------|---|----------------------------|------------------|---------|------------------|
| L1    | 2    | (cmp (chemical\$4 near mechanical\$4)) and (hclo "hclo.sub.3" hclo3 "hclo.sub.4" hclo4 "hbro.sub.3" hbro3 "hio.sub.3" hio3 "hio.sub.4" hio4)  | EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/10/18 12:35 |
| L2    | 12   | (cmp (chemical\$4 near mechanical\$4)) same (hclo "hclo.sub.3" hclo3 "hclo.sub.4" hclo4 "hbro.sub.3" hbro3 "hio.sub.3" hio3 "hio.sub.4" hio4)   | US-PGPUB; USPAT            | OR               | ON      | 2005/10/18 12:37 |
| L3    | 112  | "5225034".URPN.   | USPAT                      | OR               | OFF     | 2005/10/18 12:41 |
| L4    | 36   | (cmp (chemical\$4 near mechanical\$4)) and (hocl (perchloric adj acid) (hypochlorous adj acid) hypochlorite (periodic adj acid) (perbromic adj acid) (chloric adj acid) (bromic adj acid) (iodic adj acid))   | EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2005/10/18 12:50 |
| L5    | 1    | ((cmp (chemical\$4 near mechanical\$4)) same (hocl (perchloric adj acid) (hypochlorous adj acid) hypochlorite (periodic adj acid) (perbromic adj acid) (chloric adj acid) (bromic adj acid) (iodic adj acid))) and (((word adj line) wordline) and ((cmp (chemical\$4 near mechanical\$4)) same (silicon polysilicon))) | US-PGPUB; USPAT            | OR               | ON      | 2005/10/18 12:54 |
| L6    | 127  | ((word adj line) wordline) same ((cmp (chemical\$4 near mechanical\$4)) same (silicon polysilicon) same (spacer nitride) same ((contact hole opening) with (interlayer dielectric bpsg teos fsg psg usg oxide ild)))  | US-PGPUB; USPAT            | OR               | ON      | 2005/10/18 13:00 |
| L7    | 2    | (cmp (chemical\$4 near mechanical\$4)) same (hocl (perchloric adj acid) (hypochlorous adj acid) hypochlorite (periodic adj acid) (perbromic adj acid) (chloric adj acid) (bromic adj acid) (iodic adj acid)) same (bpsg teos fsg psg usg polysilicon "poly-si" polycrystalline poly)                                    | US-PGPUB; USPAT            | OR               | ON      | 2005/10/18 13:59 |
| L8    | 36   | (cmp (chemical\$4 near mechanical\$4)) same ("hno.sub.3" (nitric adj acid)) same (bpsg teos fsg psg usg polysilicon "poly-si" polycrystalline poly)   | US-PGPUB; USPAT            | OR               | ON      | 2005/10/18 14:00 |

|     |      |   |                    |    |     |                  |
|-----|------|---|--------------------|----|-----|------------------|
| L9  | 86   | (438/637.ccls. 438/675.ccls. 438/684.ccls. 438/692.ccls. 438/693.ccls. 252/79.1.ccls. 252/79.2.ccls.) and ((cmp (chemical\$4 near mechanical\$4)) same (hocl (perchloric adj acid) (hypochlorous adj acid) hypochlorite (periodic adj acid) (perbromic adj acid) (chloric adj acid) (bromic adj acid) (iodic adj acid)))) | US-PGPUB;<br>USPAT | OR | ON  | 2005/10/18 14:07 |
| L10 | 13   | ((word adj line) wordline) same (nitride with (cap mask)) same (etch\$6 with ("ccl.sub.4" "cl.sub.2" (carbon adj tetrachloride) chlorine))  | US-PGPUB;<br>USPAT | OR | ON  | 2005/10/18 14:25 |
| L11 | 14   | ((word adj line) wordline) same (nitride with spacer with (teos silane))  | US-PGPUB;<br>USPAT | OR | ON  | 2005/10/18 14:28 |
| L12 | 42   | bpsg with (etch\$6 with ("c.sub.4 f. sub.8" "c.sub.2 f.sub.6" "c.sub.3 f. sub.8"))  | US-PGPUB;<br>USPAT | OR | ON  | 2005/10/18 14:29 |
| L13 | 1    | (cmp (chemical\$4 near mechanical\$4)) with (silicon polysilicon) with (hard adj pad)   | US-PGPUB;<br>USPAT | OR | ON  | 2005/10/18 14:37 |
| L14 | 8    | (cmp (chemical\$4 near mechanical\$4)) same (silicon polysilicon) same (hard adj pad)   | US-PGPUB;<br>USPAT | OR | ON  | 2005/10/18 14:38 |
| L15 | 22   | 51/307.ccls. and ((cmp (chemical\$4 near mechanical\$4)) same (hocl (perchloric adj acid) (hypochlorous adj acid) hypochlorite (periodic adj acid) (perbromic adj acid) (chloric adj acid) (bromic adj acid) (iodic adj acid))))  | US-PGPUB;<br>USPAT | OR | ON  | 2005/10/18 14:38 |
| L16 | 8667 | 438/637.ccls. 438/675.ccls. 438/684.ccls. 438/692.ccls. 438/693.ccls. 252/79.1.ccls. 252/79.2.ccls. 51/307.ccls.  | US-PGPUB;<br>USPAT | OR | OFF | 2005/10/18 14:41 |

|     |     |   |                                  |    |    |                  |
|-----|-----|---|----------------------------------|----|----|------------------|
| L17 | 205 | L16 and (((perchloric adj acid) perchlorate (perbromic adj acid) perbromate (chloric adj acid) chlorate (chlorous adj acid) chlorite (bromic adj acid) bromate (bromous adj acid) bromite "hclo.sub.3" hclo3 "hclo.sub.4" hclo4 "hbro.sub.3" hbro3 "hclo.sub.2" hclo2 "hbro.sub.4" hbro4 "hbro.sub.2" hbro2 (perflouric adj acid) perfluorate "hfo.sub.4" hfo4 (fluoric adj acid) fluorate "hfo.sub.3" hfo3 (fluorous adj acid) fluorite "hfo.sub.2" hfo2) same (cmp (chemical\$4 near mechanical\$4) polish\$6))   | US-PGPUB;<br>USPAT               | OR | ON | 2005/10/18 14:41 |
| L18 | 79  | ((perchloric adj acid) perchlorate (perbromic adj acid) perbromate (chloric adj acid) chlorate (chlorous adj acid) chlorite (bromic adj acid) bromate (bromous adj acid) bromite "hclo.sub.3" hclo3 "hclo.sub.4" hclo4 "hbro.sub.3" hbro3 "hclo.sub.2" hclo2 "hbro.sub.4" hbro4 "hbro.sub.2" hbro2 (perflouric adj acid) perfluorate "hfo.sub.4" hfo4 (fluoric adj acid) fluorate "hfo.sub.3" hfo3 (fluorous adj acid) fluorite "hfo.sub.2" hfo2) and (cmp (chemical\$4 near mechanical\$4) polish\$6) and (ph abrasive ceria alumina silica fumed colloid\$5 "ceo.sub.2" "al.sub.2o.sub.3" "al.sub.2 o.sub.3" "sio.sub.2") | EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/18 15:09 |
| L19 | 112 | ((perchloric adj acid) perchlorate (perbromic adj acid) perbromate (chloric adj acid) chlorate (chlorous adj acid) chlorite (bromic adj acid) bromate (bromous adj acid) bromite "hclo.sub.3" hclo3 "hclo.sub.4" hclo4 "hbro.sub.3" hbro3 "hclo.sub.2" hclo2 "hbro.sub.4" hbro4 "hbro.sub.2" hbro2 (perflouric adj acid) perfluorate "hfo.sub.4" hfo4 (fluoric adj acid) fluorate "hfo.sub.3" hfo3 (fluorous adj acid) fluorite "hfo.sub.2" hfo2) same (cmp (chemical\$4 near mechanical\$4) polish\$6) same ph   | US-PGPUB;<br>USPAT               | OR | ON | 2005/10/18 15:22 |

|     |     |  |                    |    |     |                  |
|-----|-----|--|--------------------|----|-----|------------------|
| L23 | 19  | (((perbromic adj acid) perbromate (bromic adj acid) bromate (bromous adj acid) bromite "hbro.sub.3" hbro3 "hbro.sub.4" hbro4 "hbro.sub.2" hbro2 (perflouric adj acid) perfluorate "hfo.sub.4" hfo4 (fluoric adj acid) fluorate "hfo.sub.3" hfo3 (fluorous adj acid) fluorite "hfo.sub.2" hfo2) and (cmp (chemical\$4 near mechanical\$4) polish\$6) and ph).clm. | US-PGPUB           | OR | ON  | 2005/10/18 15:24 |
| S69 | 681 | 252/79.3.ccls.   | US-PGPUB;<br>USPAT | OR | OFF | 2005/10/17 15:10 |